

ABSTRACT OF THE DISCLOSURE

An apparatus and method for resending a request in a computer system using a delay value is provided. In response to receiving a request, a target device in a computer system may detect that it is temporarily unable to process the request. The target device can send a response to the sending device to indicate that it is temporarily unavailable. The response can include a delay value that can provide a hint to the sending device as to when to resend the request. The target device may generate the delay value according to the type of condition that is causing it to be temporarily unavailable. The delay value may be generated according to a static heuristic or a dynamic algorithm based on previous temporarily unavailable conditions. The delay value may also be used by an error recovery mechanism where a sending device exceeds a retry limit for a particular request.

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